

REMARKS

This amendment is responsive to the non-final Office Action dated October 17, 2007. Claims 1 - 8 are pending in this application. Claims 1, 2 and 6 - 8 have been rejected. Claims 3 - 5 have been objected to as being dependent from rejected claims only. Reexamination is respectfully requested.

By this amendment, the title of the invention is amended.

In the outstanding Office Action, the examiner has rejected claims 1, 2 and 6 - 8 under 35 USC § 103 as being unpatentable over US Patent 6,525,638 (Oi) in view of US Patent 4,668,544 (Takahashi). In response, applicant has canceled claims 1, 2 and 6 - 8 and rewritten claims 3 and 4 in independent form. These claims are, therefore, allowable.

New Claims

Applicant presents with this amendment new claims 9 - 14. Claim 9 recites that the number of turns in each of the sections at both ends is smaller than the number of turns of each of the sections between both ends. This configuration is shown in applicant's drawings, specifically Figure 4. The structure shown in Figure 4 provides a number of turns in sections (230b) and

(230c) which is illustrated as being equal and demonstrated as being 5 X 10 or 50. This is a representative number of turns in sections (230b) and (230c). In accordance with the description provided at [0040], the number of turns in each layer is far greater than the 10 represented in Figure 4.

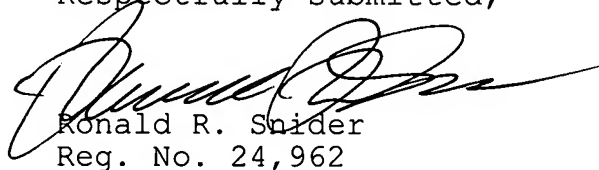
In reference to Figure 4, it can be seen that each section is illustrated by having 10 turns at its lower most winding. This also demonstrates that the width of the windings is the same. On the other hand, the number of winding in section (230a) and (230d) is demonstrated as being 47 windings, not 50 windings as in sections (230b) and (230c). Figure 4 is described as being similar to Figure 1 with the exception that there are a fewer number of windings adjacent the flanges (222b) than are adjacent the flanges (22b). Figures 4 and 1 and the description thereof clearly establishes that the number of turns in each of the sections at both ends is smaller than the number of turns of each of the sections between both ends.

In the prior art of record, there is no suggestion that the number of turns in each of the sections at both ends be smaller than the number of turns of the sections between the ends. The prior art, as illustrated by Oi '638 only has two ends and does not include any middle sections at all. Similarly, Takahashi '544 does not demonstrate a core having more than two coils thereon which would permit a structure as set forth in new claim 9.

With respect to new claim 9, since the number of turns of the winding coils at both end sections is less than the number of turns of the winding coils at the center sections, the effect becomes the same as in Figure 4, namely, the solder in the vicinity of the flange portions did not adhere between the flange portions and the winding portions (see specification [0043]).

In view of the foregoing, it is respectfully submitted that the application is now in condition for allowance, and early action in accordance thereof is requested. In the event there is any reason why the application cannot be allowed in this current condition, it is respectfully requested that the Examiner contact the undersigned at the number listed below to resolve any problems by Interview or Examiner's Amendment.

Respectfully submitted,



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